

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6220771".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:01
L2	190	204/229.8.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:02
L3	83	L2 and ((switch switch\$3 node))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:38
L4	2	"20050051425".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:42
L5	8633	C25B009/00.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:43
L6	3146	C25F007/00.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:43
L7	939	C25B009/04.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:43
L8	297	(L6 L7) and (switch switch\$3 node)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:44

## EAST Search History

L9	91	(L6 L7) and (switch switch\$3 node) and ((voltage potential) with (control controll\$3 sense sens\$3 measure measur\$3 regulat\$3 monitor monitor\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:46
L10	83	L9 not L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:46
S1	10	("4137867" "4906346" "6024856" "6027631").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 15:57
S2	40	WANG-CHIH-CHENG.in. TSENG-CHIH-YUAN.in. HUANG-JEN-RONG.in. LEE-SHENG-LANG.in. CHEN-CHIA-MING.in. CHIANG-PANG-MING.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 16:03
S3	746	204/275.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 16:09
S4	197	S3 and (electroplat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 16:10
S5	21	S4 and ((plurality plural many) near (hole space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 16:18
S6	53	S4 and (((plurality plural many) near (hole space)) mesh)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 16:19

## EAST Search History

S8	25	S4 and (((plurality plural many) near (hole space)) mesh (flow near rectif\$4) (dispers\$3)) with anode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 16:21
S9	26	S4 and (((plurality plural many) near (hole space)) mesh (flow near rectif\$4) (dispers\$3)) with (anode (positive adj electrode)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 16:22
S10	746	204/275.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 17:39
S11	197	S10 and (electroplat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 17:39
S12	72	S11 and (((plurality plural many) near (hole space)) mesh (flow near rectif\$4) (dispers\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 17:39
S13	0	(electroplat\$3) and (flow near2 nonuniform) and ((curve curved curving) adj path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 11:10
S14	0	(electroplat\$3) and ((flow near2 nonuniform) same ((curve curved curving angled right-angl\$2 elbow) near3 (path pipe piping)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 11:15
S15	1	(electroplat\$3) and ((flow near2 nonuniform) same ((curve curved curving angled right-angl\$2 elbow) near3 (path pipe piping)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 11:16

## EAST Search History

S16	27	(electroplat\$3) and ((flow near2 nonuniform))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 11:17
S17	3	(electroplat\$3) and ((flow near2 nonuniform)) and 204/275.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 11:17
S21	2	"4466864".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 16:04
S22	2	"5391285".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 16:04
S23	79	("4466864").URPN.	USPAT	OR	ON	2006/07/25 18:32
S24	54	("5391285").URPN.	USPAT	OR	ON	2006/07/25 16:08
S25	6	"927740".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 17:45
S26	0	"09927740".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 17:45
S27	0	"09/927740".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 17:45
S28	0	09/927740.ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 17:46

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S29	6	"927740".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 17:46
S30	27	(S23 and S24)	USPAT	OR	ON	2006/07/25 18:32
S31	106	(S23 S24)	USPAT	OR	ON	2006/07/26 11:17
S32	79	("4466864").URPN.	USPAT	OR	ON	2006/07/26 11:17
S33	54	("5391285").URPN.	USPAT	OR	ON	2006/07/26 11:17
S34	106	(S32 S33)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 11:17
S35	49	(S32 S33) and (plurality near2 (hole contact joint node))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 11:18
S36	45	(S32 S33) and (plurality near2 (connect\$3 contact joint node))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 11:19
S37	28	(S32 S33) and ((plurality near2 (connect\$3 contact joint node)) same anode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 11:19
S38	6	(S32 S33) and ((plurality near2 (connect\$3 contact joint node)) same ((connect\$3 contact joint node) near2 (conduct\$3 electri\$3)) same anode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 11:30
S39	135	(electroplat\$3 electropolish\$3) and ((plurality near2 (connect\$3 contact joint node)) same ((connect\$3 contact joint node) near2 (conduct\$3 electri\$3)) same anode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 14:53

## EAST Search History

S40	0	09/882,309.ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 13:15
S41	1	"9882309".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 13:15
S42	0	"09882309".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 13:15
S43	7	"882309".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 14:51
S44	598	204/230.2,230.5,230.8.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 14:53
S45	6227	((plurality near2 (connect\$3 contact joint node)) same ((connect\$3 contact joint node) near2 (conduct\$3 electri\$3)) same (anode cathode electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 14:54
S46	9969	((plurality several three ("more than two") ("at least three") multiple) near2 (connect\$3 contact joint node)) same ((connect\$3 contact joint node) near2 (conduct\$3 electri\$3)) same (anode cathode electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:06
S47	18	S46 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 14:56

## EAST Search History

S48	216749	((connect\$3 contact joint node) near2 (conduct\$3 electri\$3)) same (anode cathode electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:06
S49	144	((connect\$3 contact joint node) near2 (conduct\$3 electri\$3)) same (anode cathode electrode)) and S44 not S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:07
S50	60	((connect\$3 contact joint node) near2 (conduct\$3 electri\$3)) same (anode cathode electrode)) and S44 not S47 and (electroplat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:07
S51	75	((plurality near2 contact) with anode) and electroplat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 17:53
S52	6	((plurality near2 contact) with anode) same (uniform uniformity)) and electroplat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 16:32
S53	3	((plurality near2 contact) with anode) same switch) and electroplat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 17:54
S54	0	(flow near (rectification rectifier rectif\$3)) and ((uniform near2 flow) and (nonuniform near2 flow)) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 17:56
S55	0	(flow near (rectification rectifier rectif\$3)) and ((uniform near2 flow) and (nonuniform near2 flow)) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 17:59

## EAST Search History

S56	0	(flow near (rectification rectifier rectif\$3 modif\$3 modification)) and ((uniform near2 flow) and (nonuniform near2 flow)) and "134". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 17:59
S57	5	(flow near (rectification rectifier rectif\$3 modif\$3 modification)) and ((uniform near2 flow) and (nonuniform near2 flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:02
S58	392	((uniform near2 flow) and (nonuniform near2 flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:02
S59	3	((uniform near2 flow) and (nonuniform near2 flow)) and "134". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:03
S60	194811	baffle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:03
S61	5349	baffle and (uniform near2 flow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:03
S62	70	baffle and (uniform near2 flow) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:04
S63	2	baffle and (uniform adj flow adj field) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:07



## EAST Search History

S64	0	(impeller propeller) and (uniform adj flow adj field) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:07
S65	23	(impeller propeller) and (uniform adj flow) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:09
S66	43	baffle and (uniform adj flow) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:10
S67	37	(plurality near2 (hole orifice)) and (uniform adj flow) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:10
S68	2	S65 and S66 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:08
S69	9	((impeller propeller) same (uniform adj flow)) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:25
S70	22	(baffle same (uniform adj flow)) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:10
S71	7	((plurality near2 (hole orifice)) same (uniform adj flow)) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:11

## EAST Search History

S72	385	((impeller propeller) same (uniform adj flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:10
S73	1339	(baffle same (uniform adj flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:10
S74	229	((plurality near2 (hole orifice)) same (uniform adj flow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:11
S75	1	S72 and S73 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:11
S76	0	((impeller propeller) same (uniform adj flow adj field)) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:25
S77	4	(uniform adj flow adj field) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:26
S78	25	(uniform adj flow adj field) and dispersion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:26
S79	3	(uniform adj flow adj field) same dispersion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:27

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S80	348	(uniform adj flow) same dispersion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:28
S81	146	(uniform adj flow) same (plurality near (hole orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:28
S82	38	(uniform adj flow) with (plurality near (hole orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:28
S83	9	(uniform adj flow) with (plurality near (hole orifice)) with (make create maintain form)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:34
S84	10	(nonuniform adj flow) with (curv\$3 pip\$3 (right near angle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:31
S85	5	(flow adj rectification) with baffle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:38
S86	0	(flow adj rectification) with (plurality near (hole orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:38
S87	0	(flow adj rectification) with ((plurality many several) near (hole orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:38

## EAST Search History

S88	0	(flow adj rectification) with ((plurality many several) near3 (hole orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:43
S89	1	(flow adj rectification) same ((plurality many several) near3 (hole orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:45
S90	16	(flow adj (rectif\$3 modif\$3 modification)) same ((plurality many several) near3 (hole orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:46
S91	4	(flow adj rectification) with (impeller propeller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:44
S92	163	(uniform adj flow) with (impeller propeller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:44
S93	4	(produce adj uniform adj flow) with (impeller propeller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:45
S94	1	(produce adj uniform adj flow) with ((plurality many several) near3 (hole orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:47
S95	78	(uniform adj flow) with ((plurality many several) near3 (hole orifice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 18:47

## EAST Search History

S96	169	137/8.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:04
S97	2	137/8.ccls. and (impeller propeller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:06
S98	0	137/8.ccls. and (dispenser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:06
S99	5	137/8.ccls. and (dispersion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:06
S10 0	1626	((uniform near flow) (parallel near flow) (flow near (rectifier rectification modification modifier))) and ((incline inclined angle angled) near2 (plate hull disk mesh baffle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 14:56
S10 1	294	((uniform near flow) (parallel near flow) (flow near (rectifier rectification modification modifier))) same ((incline inclined angle angled) near2 (plate hull disk mesh baffle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 14:57
S10 2	87	((uniform near flow) (parallel near flow) (flow near (rectifier rectification modification modifier))) with ((incline inclined angle angled) near2 (plate hull disk mesh baffle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 15:24
S10 3	94	((uniform near flow) (parallel near flow) (flow near (rectifier rectification modification modifier))) with ((plurality plural many) near (orifice hole space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 15:26

## EAST Search History

S10 5	220	(electroplat\$3) and ((switch node) with ((negative adj (electrode pole bias polarity)) cathode) with ((positive adj (electrode pole bias polarity)) anode) same (substrate cathode wafer semiconductor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 13:52
S10 6	2039	(electroplat\$3 plat\$3) same ((switch node) with ((negative adj (electrode pole bias polarity)) cathode) with ((positive adj (electrode pole bias polarity)) anode) same (substrate cathode wafer semiconductor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 15:55
S10 7	57	(electroplat\$3) same ((switch node) with ((negative adj (electrode pole bias polarity)) cathode) with ((positive adj (electrode pole bias polarity)) anode) same (substrate cathode wafer semiconductor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/25 15:55